

FIG. 1 is a block diagram of a network system. The system includes a client device 106, a network 108, a server 100, and a database 110. The client device 106 is connected to the network 108. The network 108 is connected to the server 100. The server 100 is connected to the database 110.

Figure 1

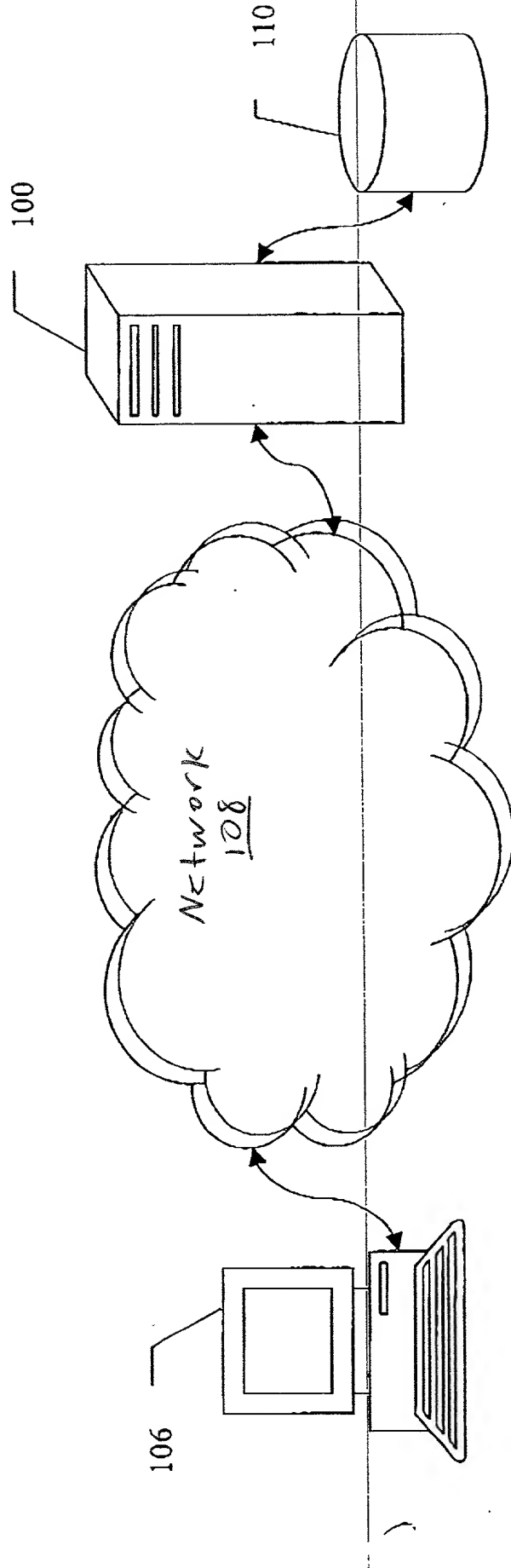


Figure 2a

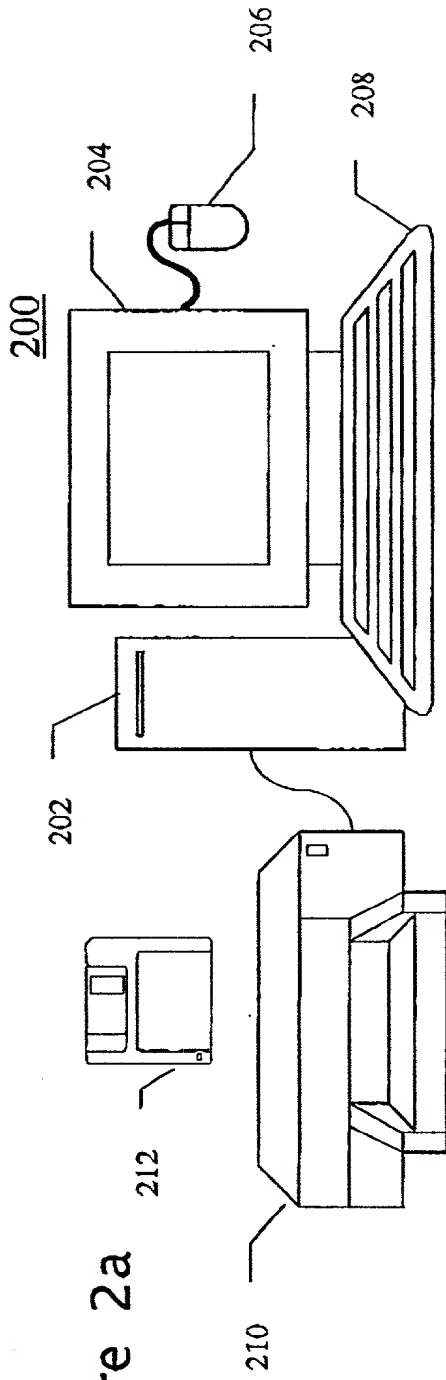
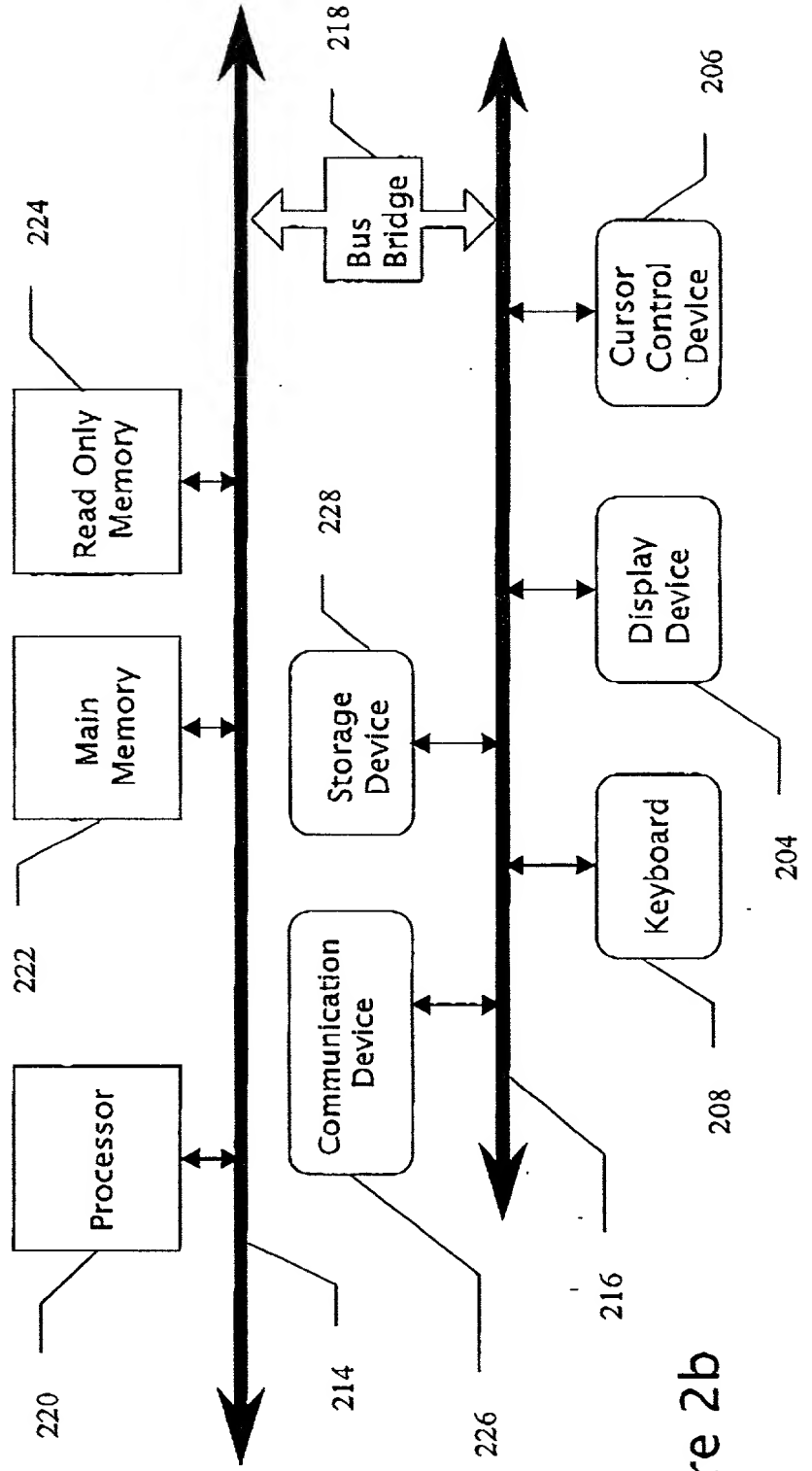


Figure 2b



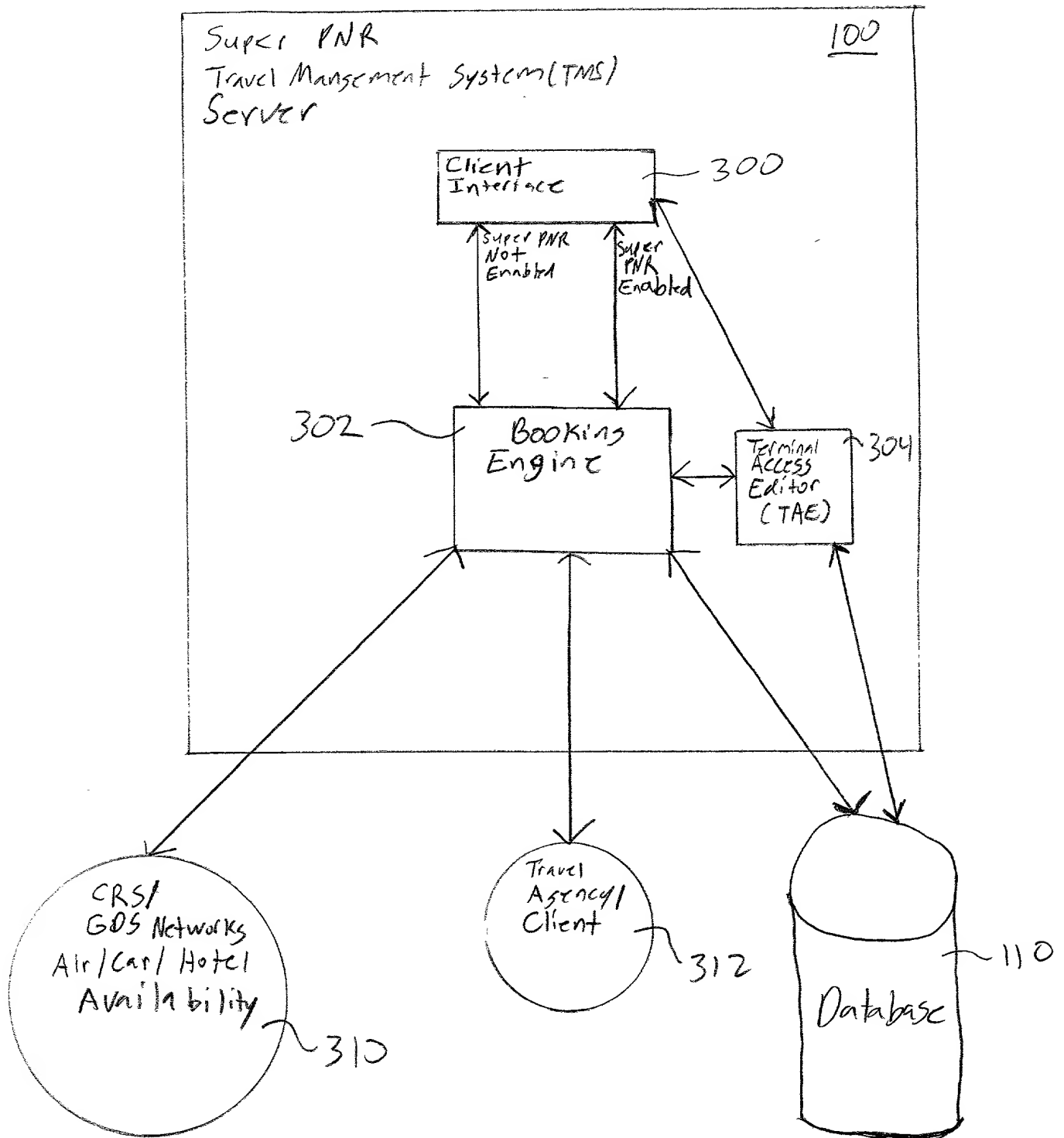


Figure 3

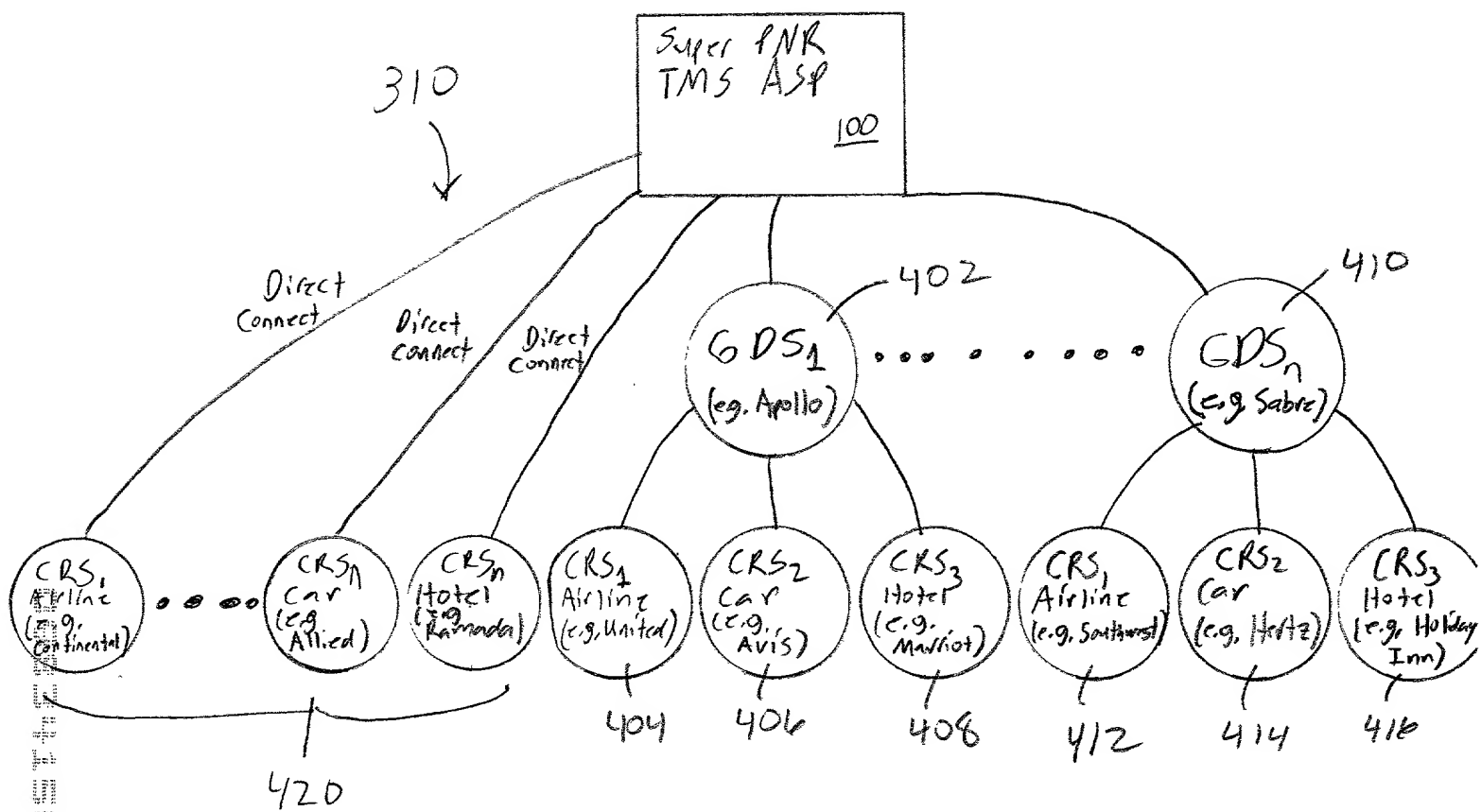


Figure 4

# Terminal Access Editor (TAE) Data 500

502	Request Type: All, Air avail, Car avail, Hotel avail, Low fare search	Group Type: Primary or Secondary		504
	Default CRS/GDS and Associated Vendor(s) (e.g. air, car, hotel) 506	Default TA Group 506	Condition	524
	Primary CRS/GDS and Associated Vendor(s) (e.g. air, car, hotel) 510	Primary TA Group 512	Condition	
	Secondary <sub>1</sub> CRS/GDS and Associated Vendor(s) (e.g. air, car, hotel) 514	Secondary <sub>1</sub> TA Group 516	Vendor	528
	•			
	•			
	•			
	Secondary <sub>n</sub> CRS/GDS and Associated Vendor(s) (e.g. air, car, hotel) 518	Secondary <sub>n</sub> TA Group 520	Vendor	
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			
	•			

Process for Determining Availability of Travel Items (e.g. air, car, and hotel) for a Travel Request

600

Client Initiates a Travel Booking Request (e.g. Depart City X to City Y on Date Z, 2 night stay near Location W, Return to City X on Date V)

602

Is Super PNR Enabled?

NO

Utilize standard Default TMS

606

YES

Utilize Super PNR TMS

608

Read the Client Configuration to Determine and Set the Appropriate Default or Primary CRS and Secondary CRS(s) and TA Group(s) for the Particular Travel Request

610

Check Availability for Primary or Default CRS (via Booking Engine)

612

Availability

Check Availability for Secondary CRS(s) (via Booking Engine)

616

Store the Availability Data for Travel Items (e.g. air, car, hotel) Received BACK from the CRS(s)

614

Display the Availability Data for Travel Items (e.g. air/car/hotel) to Client

620

Client Picks Desired Travel Item Segments (e.g. air/car/hotel)

624

NO

User BOOKS Trip

YES

Go to Booking Process Figure 7

630

Figure 6

# Process for Booking Segments of Travel Data

700



Get a list of Unique CRS(s) and TA Group(s) for the Travel Item Segments Chosen by the Client.

702

For Each Travel Item Segment, Contact each CRS, respectively, and Book the Respective Segment of Travel Itinerary Data (via the Booking Engine).

704

Create a Travel Itinerary Booking Record (e.g. a Super PNR Booking Record) by storing for each Travel Item Segment (e.g. in the air table, car table, hotel table) :

- ① the CRS locator
- ② CRS
- ③ TA Group

708

Along With Standard PNR Data (e.g. name, address, telephone number, employer, etc.).

Store Super PNR Booking Record in a Database

710

Display the Super PNR Booking Record to the Client

712

Send a Super PNR Notification (Email) Message to the Client Containing the Full Detail of the Super PNR Booking Record.

716

End

Figure 7

# Super PNR Data 800

PNR  
Data  
802

Air  
820

832  
Car  
830

Hotel  
840

Name 804	Address 806	Telephone Number 808	Employer 810	PNR Record Locator 811	... Other Standard PNR Data
Name of Airline 822	Date and Time of Flight 824	(Super PNR) CRS 826	(Super PNR) TA Group 828	(Super PNR) CRS Locator 829	... Other Standard PNR Data
Name of Car Rental Company 832	Day(s) of Car Rental 834	(Super PNR) CRS 836	(Super PNR) TA Group 838	(Super PNR) CRS Locator 839	... Other Standard PNR Data
Name of Hotel 842	Day(s) of Hotel Stay 844	(Super PNR) CRS 846	(Super PNR) TA Group 848	(Super PNR) CRS Locator 849	... Other Standard PNR Data
<p>Other Standard PNR Data</p>					

Figure 8